[**Divide a Mixed Number by a Fraction Using a Visual Model**](http://www.teachfest.com/lesson_plans/545)**, Practice Set B**

Name:

Date:

1. Solve each of the following using a visual model.

a. Julie is in training for a marathon and jogs a total of six miles every day. She jogs three-fourths of a mile at a time. How many times each day does she go for a run?

b. Becky had 2 pounds of chocolate to put into treat bags. She wanted to put pound of chocolate in each treat bag. How many treat bags could she make?

c. Megan has 3 yards of material to use to make headbands. If each headband takes yard of material, how many can she make?

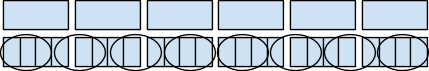
2. One serving of minestrone soup is 1 cups. At a banquet, the cook makes 50 cups of soup. Is there enough soup to serve 35 people? Explain.

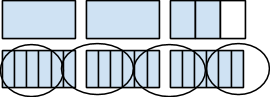
a. Write an equation for this situation.

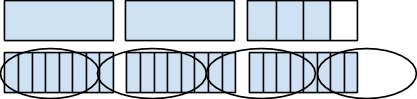
b. Solve. Explain your answer.

[**Divide a Mixed Number by a Fraction Using a Visual Model**](http://www.teachfest.com/lesson_plans/545)**, Practice Set B Answer Key**

1. Solve each of the following using a visual model.

a. Julie is in training for a marathon and jogs a total of six miles every day. She jogs three-fourths of a mile at a time. How many times each day does she go for a run? She runs eight times each day.

b. Becky had 2 pounds of chocolate to put into treat bags. She wanted to put pound of chocolate in each treat bag. How many treat bags could she make? Becky can make 3 snack bags.

c. Megan has 3 yards of material to use to make headbands. If each headband takes yard of material, how many can she make? Megan can make 3 headbands. 

2. One serving of minestrone soup is 1 cups. At a banquet, the cook makes 50 cups of soup. Is there enough soup to serve 35 people? Explain.

a. Write an equation for this situation. 50 1 = ?

b. Solve. Explain your answer. 50 1 = = = = 30

The restaurant could only feed 30 people. There is not enough for 35 people.